



CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION

OFFICE OF THE STATE FIRE MARSHAL

Fire Engineering - Building Materials Listing Program

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California State Fire Marshal **Description of Category**

CSFM **Category No.** **Applicable** **Standard**

FIRE-RESISTIVE DESIGNS (1000 - 1099)

Structural Members	1060	UBC 7-1/ASTM E119
Walls/Partitions	1080	UBC 7-1/ASTM E119
Wall Panel Assemblies (Exterior, Nonload Bearing)	1081	UBC 26-4

FIRE-RESISTIVE MATERIALS (1100 - 2999)

Expansion Joints	1450	UBC 7-1/ASTM E119
Head-of-Wall/Wall-to-Wall Joint Systems	1451	UL2079/ASTM E119
Floor-to-Floor/Floor-to-Wall Joint Systems	1452	UL2079/ASTM E119
Proscenium Curtain	1670	UBC 4-1
Acoustical Materials	2020	UBC 8-1/ASTM E84
Building Units	2160	UBC 8-1/ASTM E84
Ceiling Suspension Systems/Panels	2200	UBC 8-1/UBC 7-7
Interior Coating Materials (Flame Spread)	2280	UBC 8-1/ASTM E84
Insulation	2440	UBC 8-1/UBC 26-2
Treated Lumber	2520	UBC 8-1/ASTM E84
Operable Partitions	2545	UBC 8-1/ASTM E84
Plastics	2560	UBC 26-5
Plywood	2580	UBC 8-1
Wallcovering (Interior)	2620	UBC 8-1/ASTM E84
Wood Particle Board	2660	UBC 8-1/ASTM E84

MATERIALS/EQUIPMENT (3000 - 6999)

Air Diffusers (Fire-Rated)	3161	UBC 8-1/ASTM E84
Air Filter Units	3175	CCS12-71-1
Fire Damper Operators	3210	UL555
Fire Dampers	3225	UL555
Leakage Dampers	3230	UL555S
⁽¹⁾ Duct Smoke Detector Housing/Base	3240	UL268A
⁽¹⁾ Duct Smoke Detector, Ionization (w/ or w/o Base)	3241	UL268A
⁽¹⁾ Duct Smoke Detector, Photo. (w/ or w/o Base)	3242	UL268A
Folding Door (Fire-Rated)	3261	UBC 7-2/UL10B
Power-Operated Door	3265	CCS12-33-1
Door Operators	3266	UL325
Fire-Rated Door	3295	UBC 7-2/UL10B
Access Door (Fire-Rated)	3330	UBC 7-2/UL10B
Service Counter Door (Fire-Rated)	3505	UBC 7-2/UL10B
Rolling Steel Door (Fire-Rated)	3515	UBC 7-2/UL10B
Door Closer/Holders/Releasing Devices	3550	UL228/UL217/UL864
Door with Integral Exit Hardware (Fire-Rated)	3555	UBC 7-2/UL10B

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CSFM
Category No.

Applicable
Standard

Exit Door Accessories	3625	UBC 7-2/UL10B
Doors Frames	3650	UBC 7-2/UL10B
Door Hardware (Fire-Rated)	3725	UBC 7-2/UL10B
Electric Locks	3774	UBC 7-2/UL10B/UL 294
Manual Locks	3775	CSS12-33-2
Electric Door Strikes/Power Supply	3776	UL228
Window Frames	3900	UBC 7-4/ASTM E163
Fusible Links	4025	UL33
Glazing-Window/Door Assemblies	4075	UBC 7-2, UBC 7-4
Smoke & Draft Control for Fire Door	4076	UBC 8-1/ASTM E84/UL 1784
Panic Hardware	4140	CSS12-33-3
Grease Extractors	4145	UMC-Chapter 5
Range Hoods/Ventilation Fans	4146	UMC-Chapter 5
Roof Covering, Wood Shakes/Shingles	4150	UBC 15-2/UBC 15-3/UBC 15-4
Roof Covering (Miscellaneous)	4175	UBC 15-2/UBC 15-5/UBC 15-6
Roof Insulation	4310	UL1256
Safety Padding (Wall/Floor)	4320	CSS12-42-1
Skylights (Plastic)	4350	UBC 15-2/UBC 26-5
Ventilators, Smoke and Heat	4475	CSS12-39-1/NFPA96
Waste Material Containers	4480	UL32/UL242
Combustible Waste Containers	4481	FM6920/6921
Opening Protection (Firestopping)	4485	UBC 7-5/ASTM E814
Temporary Power Tap/Surge Suppressor	4945	UL1449
Flooring, Electrically Conductive	5225	UL779
Gas/Vapor Detectors	5275	UL1484
Single/Multi Carbon Monoxide Detectors	5276	UL2034
Tubing/Conduit	5620	Varies
Emergency Lighting Equipment	6180	UL924
Exit Signs	6200	UL924
Exit Path Marking	6210	UL1994
Raceways, Metallic or Non-Metallic	6610	UL5/UL884
Electrical Switches	6760	Varies
⁽¹⁾ Voice Communication Systems Control Units	6911	UL864
⁽¹⁾ Voice Communication Accessories	6912	UL864

AUTOMATIC FIRE EXTINGUISHING SYSTEMS (NON-WATER) (7000-7099)

Extinguishing Systems	7080	UL1058/NFPA 12A/12B
Wet Chemical Systems	7085	NFPA 17A

⁽¹⁾FIRE ALARM (7100-7499)

Annunciators	7120	UL1730/CSS12-72-1
Fire Alarm Devices for the Hearing Impaired	7125	UL1971
Audible Devices	7135	UL464
Audible Devices for Hazardous Locations	7136	UL464/698/1203/1604, FM3600/3610
Boxes/Pull Stations	7150	UL38
Boxes/Pull Stations for Hazardous Locations	7151	UL38/698/1203/1604 FM3600/3610

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(Rev. 02/06/02)

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Category No. **Standard**

⁽²⁾ Cables-Others	7160	UL4/13/444/1569/ NEC 725/800
⁽²⁾ Cables-Fire Protective Signaling	7161	UL1424/NEC 760
Control Unit (Non High Rise)	7165	UL864
Control Unit (Household)	7167	UL985
Control Unit (High Rise)	7170	UL864
Flame Detector	7210	FM3260
Mechanical Heat Detector	7230	CSS12-72-2
Heat Detector (Single/Multiple)	7254	UL539
Ion. Smoke Detector (Single/Multiple)	7256	UL217
Photo. Smoke Detector (Single/Multiple)	7257	UL217
Combination Ion/Photo Smoke Detector	7258	UL217/UL268
Air Sampling Smoke Detector	7259	UL268
Beam Smoke Detection System	7260	UL268
Heat Detector	7270	UL521
Ionization Smoke Detector	7271	UL268
Photoelectric Smoke Detector	7272	UL268
Smoke Detector for Hazardous Locations	7273	UL268/698/1203/1604, FM3600/3610
Heat Detector for Hazardous Locations	7274	UL521/698/1203/1604, FM3600/3610
Misc Device/Control Unit Accessories	7300	Varies
Power Units	7315	UL1481
Speakers	7320	UL1480
Transmitters	7330	UL632

AUTOMATIC EXTINGUISHING SYSTEMS (WATER ONLY) (7500 - 7799)

Pipe/Fittings	7515	Various ANSI
Misc. Accessories	7610	UBC 9-1
Sprinkler Heads	7690	UL199/UL1626
Valves/Switches	7770	UL193

MISCELLANEOUS (8000-9999)

Air Ducts	8530	UL181
Adhesives	8531	UBC 8-1/ASTM E84
Flexible Duct Connectors	8532	UL181
Nonmetallic Ducts	8534	UL181
Sealers/Sealing Bands	8535	UBC 8-1/ASTM E84
Vibration Isolators	8537	UBC 8-1/ASTM E84
Pneumatic Tubing	9285	UL1820
LP Gas Shut-Off Valve	9660	UL125

(1) : All Fire Alarms and Devices are required to be listed by CSFM

(2) : Not Required to be listed by CSFM

(Rev. 02/06/02)

UBC 2-1	Noncombustible Material-Tests
UBC 4-1	Proscenium Fire-Safety Curtains
UBC 7-1	Fire Tests of Building Construction and Materials. (ASTM E119-83)
UBC 7-2	Fire Tests of Door Assemblies. (UL 10B) (1988)
UBC 7-4	Fire Tests of Window Assemblies. (ASTM 163-76)
UBC 7-5	Fire Tests of Through-penetration Fire Stops. (ASTM E814-83)
UBC 7-7	Methods of Calculating Fire Resistance of Steel, Concrete and Wood Construction
UBC 8-1	Test Method for Surface-Burning Characteristics of Bldg Materials. (ASTM E84-84)
UBC 9-1	Installation of Sprinkler Systems (NFPA 13-1994 with California Amendments)
UBC 15-2	Test Standard for Determining the Fire Retardancy of Roof Covering Materials
UBC 15-3	Wood Shakes
UBC 15-4	Wood Shingles
UBC 15-6	Modified Bitumen, Thermoplastic and Thermoset Membrane Used for Roof Covering
UBC 26-1	Test Method to Determine Potential Heat of Building Materials
UBC 26-2	Test Method for the Evaluation of Thermal Barriers
UBC 26-4	Test Method for the Evaluation Flammability Characteristics of Exterior, Nonload-Bearing Wall Panel Assemblies Using Foam Plastic Insulation.
UBC 26-5	Chamber Method of Test for Measuring the Density of Smoke from the Burning or Decomposition of Plastic Materials. (ASTM D2843-70)
UBC 31-1	Flame-Retardant Membranes

UNIFORM MECHANICAL CODE (UMC)

UMC CH 5 Chapter 5: Commercial Hoods and Kitchen Ventilation; with California Amendments (1994)

CALIFORNIA STATE STANDARDS (CSS)

1998 CBC	California Building Code (1997 UBC with California Amendments)
12-33-1	Power Operated Exit Doors
12-33-2	Single Point Latching or Locking Devices
12-33-3	Emergency Exit And Panic Hardware
12-39-1	Smoke and Heat Ventilators (for Stages and Platforms)
12-42-1	Fire Resistive Standards for Fire Protection
12-71-1	Air Filters
12-72-1	Protective Signaling Systems
12-72-2	Single and Multi Station Fire Alarm Devices/Mechanically Operated Type
12-72-3	Smoke Detectors/Combustion Products Type

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

B 1.20.1	Pipe Threads, General Purpose (1983)
B 16.3	Malleable Iron Threaded Fittings, Class 150 and 300 (1985)
B 16.4	Cast Iron Threaded Fittings, Class 125 and 250 (1985)
B 16.9	Factory-Made Wrought Steel Butt Welding Fittings (1986)
B 16.11	Forged Steel Fittings, Socket-Welding and Threaded (1980)
B 16.18	Cast Copper Alloy Solder Joint Pressure Fittings (1984)
B 16.22	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings (1980)
B 20.1	Pipe Threads, General Purpose (1983)

(Rev. 02/06/02)

AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM)

A 234	Standard Specification for Piping Fittings of Wrought-Carbon Steel and Alloy Steel for Moderate and Elevated Temperatures (1987)
ASTM E84	See UBC 8-1
ASTM E119	See UBC 7-1
ASTM E814	See UBC 7-5

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 12A	Halon 1301 Systems (1992)
NFPA 12B	Halon 1211 Systems (1990)
NFPA 15	Water Sprayed Fixed Systems (1996)
NFPA 17A	Wet Chemical Extinguishing Systems (1994)
NFPA 72	Standard for National Fire Alarm Code, 1996 Edition
NFPA 710	Standard for Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment

FACTORY MUTUAL (FM)

FM 3260	Flame Radiation Detectors for Automatic Fire Alarm Signaling, Feb 1977 Edition.
FM 3600	Electrical Equipment for Use In Hazardous (Classified) Locations General Requirements
FM 3610	Intrinsically Safe Apparatus and Associated Apparatus for Use In Class I, II, III, Division 1 Hazardous (Classified) Locations
FM 6921	Containers for Combustible Waste

UNDERWRITERS LABORATORY (UL)

UL 3	Flexible Nonmetallic Tubing for Electric Wiring
UL 4	Armored Cable
UL 5	Surface Metal Raceways and Fittings
UL 9	Fire Tests of Windows Assemblies
UL 10B	Fire Tests of Door Assemblies
UL 13	Power-Limited Circuit Cables
UL 32	Metal Waste Can
UL 33	Heat Responsive Links for Fire Protection Service
UL 38	Manually Actuated Signaling Boxes for Use with Fire-Protective Signaling Systems (5th Edition, 1987)
UL 125	Valves for Anhydrous Ammonia and LP-Gas
UL 181	Factory-Made Air Ducts and Air Connectors
UL 193	Alarm Valves for Fire-Protection Services (1988)
UL 199	Automatic Sprinklers for Fire Protection Service
UL 217	Single-Multi Station Smoke Detectors (12-31-88)
UL 228	Door Closer-Holders, With or Without Integral Smoke Detectors
UL 268	Smoke Detectors for Fire-Protective Signaling Systems (12-31-88)
UL 268A	Smoke Detectors for Duct Applications (1st Edition, 1983)
UL 242	Nonmetallic Containers for Waste Paper
UL 325	Door, Drapery, Gate, Louver, and Window Operators and Systems
UL 444	Communications Cables
UL 464	Audible Signal Appliances (5th Edition, 1987)

(Rev. 02/06/02)

UL 521	Fire Detection Thermostats (4th Edition, 1985)
UL 539	Single/Multi Station Heat Detectors (2nd Edition, reprinted 1984)
UL 555	Fire Dampers
UL555S	Leakage Rated Dampers for Use in Smoke Control Systems
UL 632	Electrically Actuated Transmitters (4th Edition, 1964)
UL 698	Industrial Control Equipment for Use in Hazardous (Classified) Locations
UL 779	Electrically Conductive Flooring
UL 864	Control Units for Fire-Protective Signaling Systems (6th Edition, 1984)
UL 884	Underfloor Raceways and Fittings
UL 894	Switches for use in Hazardous (Classified) Locations
UL 924	Emergency Lighting and Power Equipment (1990)
UL 985	Household Fire Warning System Units (1986)
UL 1203	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous Locations
UL 1256	Fire Test of Roof Deck Construction
UL 1424	Cables for Power-Limited Fire Protection Signaling Circuits
UL 1449	Transient Voltage Surge Suppressor
UL 1480	Speakers and Amplifiers for Fire Protective Signaling Systems (2nd Edition, 1987)
UL 1481	Power Supplies for Fire Protective Signaling Systems
UL 1567	Receptacles and Switches Intended for Use With Aluminum Wiring
UL 1569	Metal-Clad Cable
UL 1604	Electrical Equipment for Use in Class I and II, Division 2 and Class III Hazardous (Classified) Locations
UL 1626	Sprinklers for Fire Protection (Automatic)
UL 1638	Visual Signaling Appliances (outdoor)
UL 1730	Automatic Fire Detector Annunciators (1st Edition, 1987)
UL 1784	Air Leakage Tests for Door Assemblies
UL 1971	Signaling Devices for the Hearing Impaired
UL 1994	Low Level Path Marking and Lighting Systems
UL 2001	Clean Agent Extinguisher Systems
UL 2034	Single and Multi Station Carbon Monoxide Detectors
UL 2058	Halogenated Agent Extinguisher System Units
UL 2079	Tests for Fire Resistance of Building Joint Systems

(Rev. 02/06/02)